

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102323\
 Data File : VU055851.D
 Acq On : 23 Oct 2023 13:27
 Operator : MD/SY
 Sample : 04947-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 23:18:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

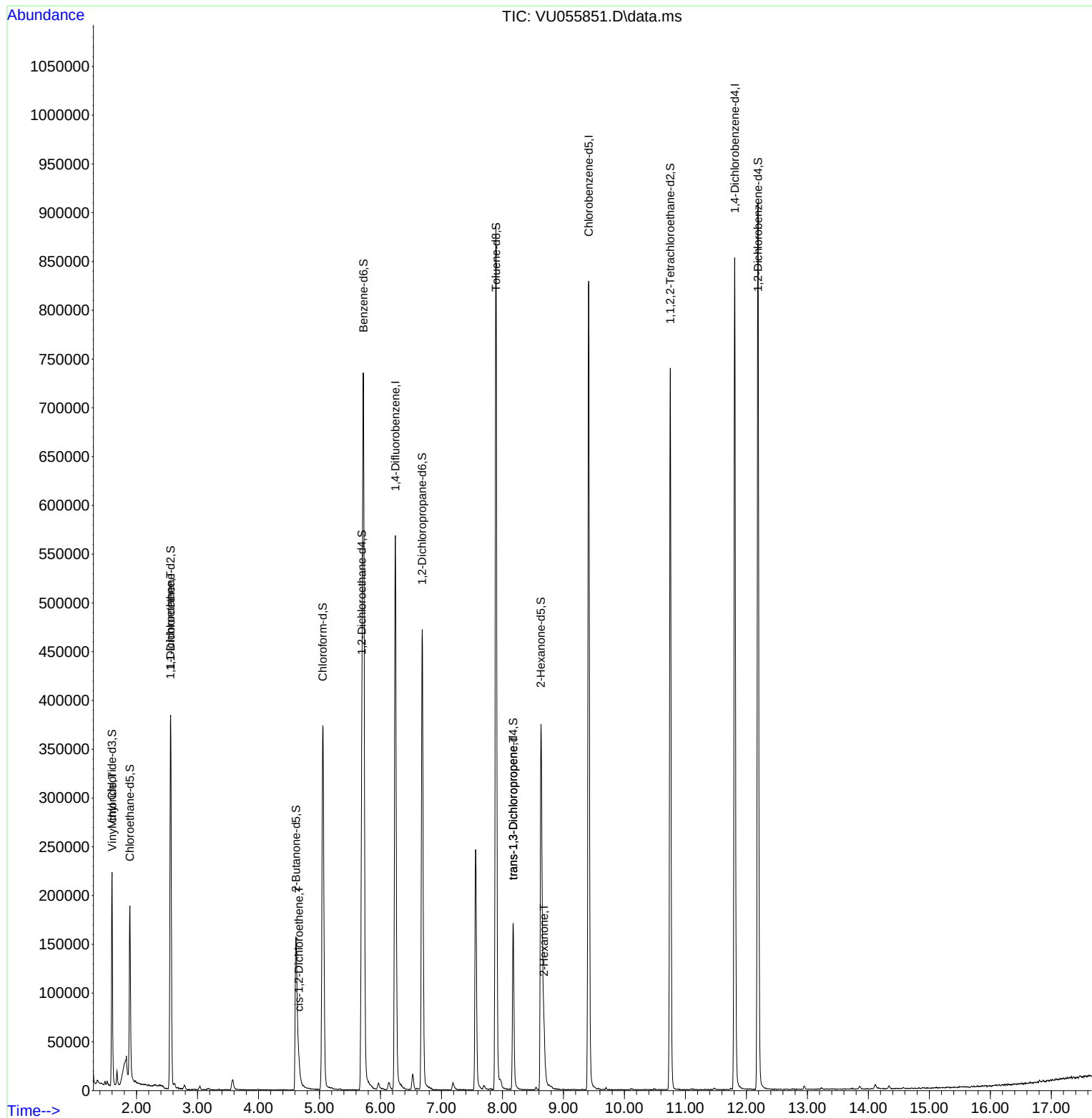
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	463952	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	465354	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	228294	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	155438	37.352	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.700%
7) Chloroethane-d5	1.891	69	144666	42.528	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.060%
11) 1,1-Dichloroethene-d2	2.560	63	229673	30.953	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.900%
21) 2-Butanone-d5	4.615	46	244532	79.301	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.300%
24) Chloroform-d	5.055	84	360006	45.125	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.260%
26) 1,2-Dichloroethane-d4	5.695	65	236543	48.170	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.340%
32) Benzene-d6	5.721	84	694725	46.660	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.320%
36) 1,2-Dichloropropane-d6	6.685	67	230397	48.879	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.760%
41) Toluene-d8	7.894	98	606916	45.142	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.280%
43) trans-1,3-Dichloroprop...	8.177	79	100186	44.247	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.500%
47) 2-Hexanone-d5	8.631	63	122077	65.879	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	65.880%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	367948	50.714	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.420%
66) 1,2-Dichlorobenzene-d4	12.190	152	243127	53.666	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.340%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	8242	2.049	ug/L #	68
12) 1,1-Dichloroethene	2.557	96	1880	0.572	ug/L #	1
20) cis-1,2-Dichloroethene	4.663	96	5997	1.562	ug/L	94
44) trans-1,3-Dichloropropene	8.177	75	4872	0.826	ug/L #	79
48) 2-Hexanone	8.682	43	27383	5.753	ug/L #	74

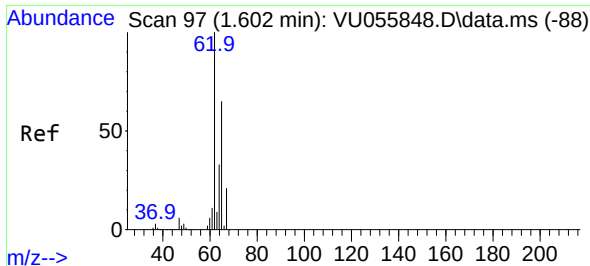
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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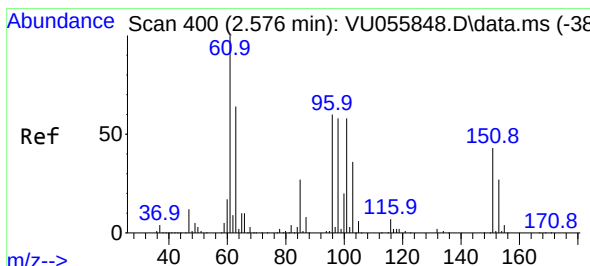
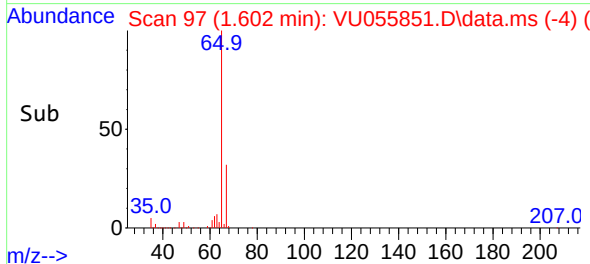
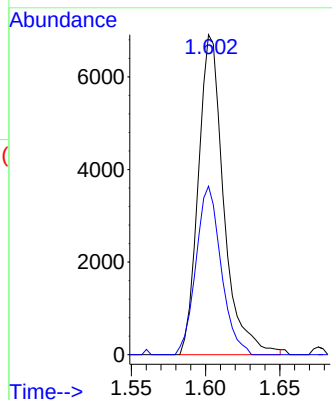
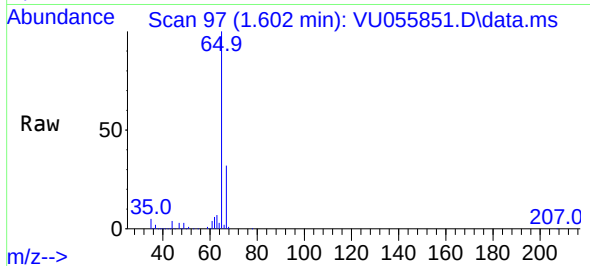




#5
Vinyl chloride
Concen: 2.049 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.000 min
Lab File: VU055851.D
Acq: 23 Oct 2023 13:27

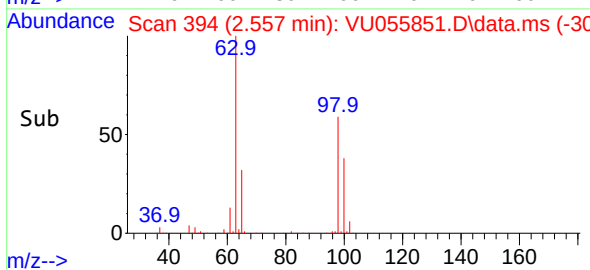
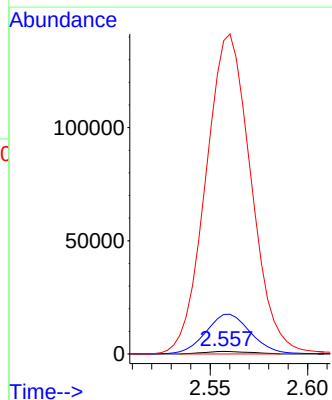
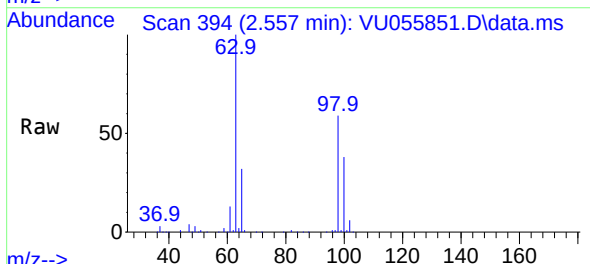
Instrument :
MSVOA_U
ClientSampleId :

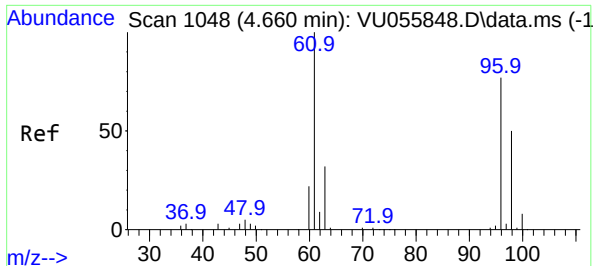
Tgt Ion: 62 Resp: 8242
Ion Ratio Lower Upper
62 100
64 52.6 23.9 44.5#



#12
1,1-Dichloroethene
Concen: 0.572 ug/L
RT: 2.557 min Scan# 394
Delta R.T. -0.019 min
Lab File: VU055851.D
Acq: 23 Oct 2023 13:27

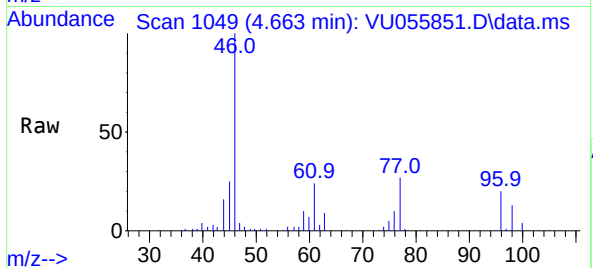
Tgt Ion: 96 Resp: 1880
Ion Ratio Lower Upper
96 100
61 1490.0 122.0 226.6#
63 11821.7 93.7 174.1#





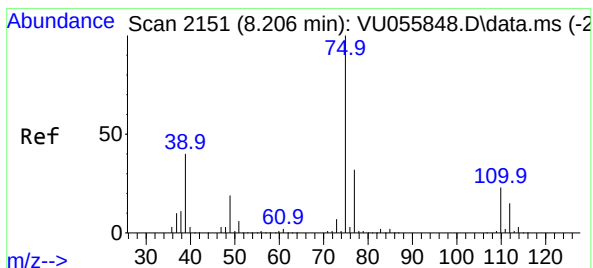
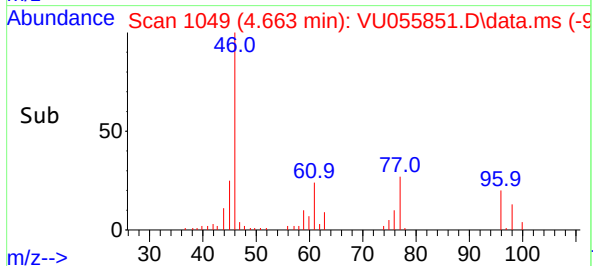
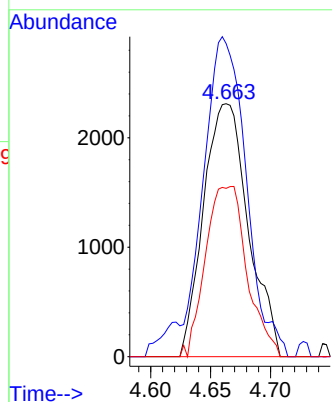
#20
 cis-1,2-Dichloroethene
 Concen: 1.562 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU055851.D
 Acq: 23 Oct 2023 13:27

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 5997

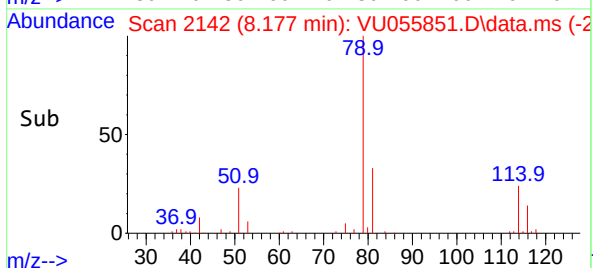
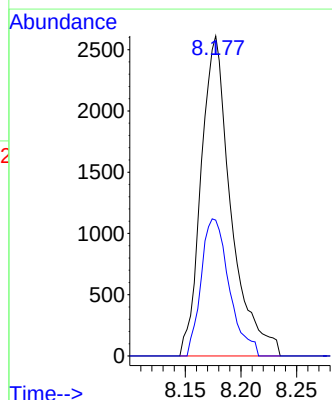
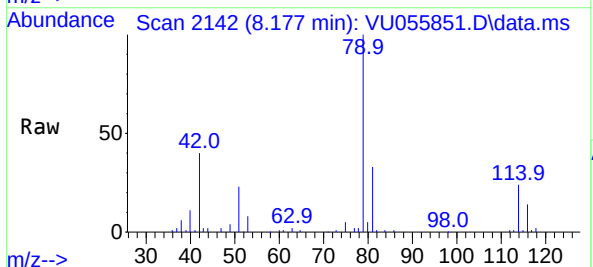
Ion	Ratio	Lower	Upper
96	100		
61	123.7	92.3	171.5
98	66.5	43.9	81.5

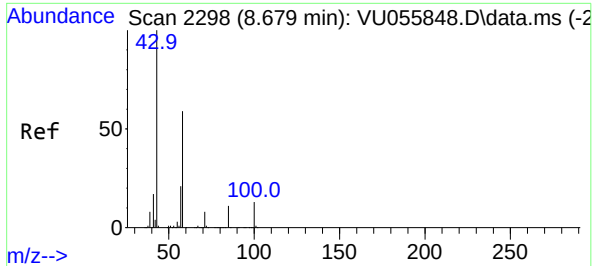


#44
 trans-1,3-Dichloropropene
 Concen: 0.826 ug/L
 RT: 8.177 min Scan# 2142
 Delta R.T. -0.029 min
 Lab File: VU055851.D
 Acq: 23 Oct 2023 13:27

Tgt Ion: 75 Resp: 4872

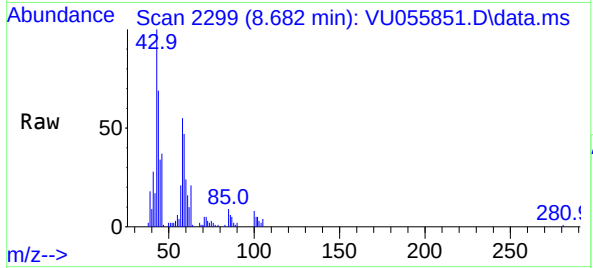
Ion	Ratio	Lower	Upper
75	100		
77	42.5	21.6	40.2#





#48
2-Hexanone
Concen: 5.753 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055851.D
Acq: 23 Oct 2023 13:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	27383
Ion	Ratio	Lower	Upper
43	100		
58	38.9	45.2	67.8#
57	1.0	16.1	24.1#
100	9.7	9.7	14.5

